

Deep Sinking Makes Big Mines.

The west is dotted here and there, with old mining camps which, in their early history, were productive of immense quantities of ore from the grass roots, but which, at the present time, are idle and practically deserted, and their old time producers, neglected and abandoned, are so wrecked by the hand of time that they appeal in vain to the capitalists and promoter for resurrection and renewed life. The causes which led to this abandonment are many, and yet no good reason exists why mines which have produced their hundreds of thousands or even millions, at no greater depth than 200 feet, should be closed and unproductive during this era of mining prosperity and wonderful production.

A miner or prospector will go wild over a good surface showing of pay ore, and he will use every effort to transform his prospect into a bonanza; into a mine that will maintain a production of a hundred tons of ore a day for an indefinite period. And, more, he must know that a property that has been developed for a few hundred feet or more is not a mine, but that it is still a prospect. He must know, also, that instances are few of record where the ore bodies, strong on the surface, fail to go to the deep, even though barren spots are encountered in the vein. It is true that the character of the ore may change with depth, but it is a general rule that the greater the depth, the larger the ore channels, while values are usually well maintained.

The life of a mine depends upon depth. To insure a big and regular tonnage, the mine must be thoroughly opened, levels must be run, upraises made, and the workings must be connected in order that many men can be employed in ore extraction; so that development can be kept ahead of production. This condition cannot be maintained by keeping up mere surface workings, and yet many rich mines have been abandoned after only a few hundred feet of tunnels or inclines have been run, that would be heavy producers today were they but subjected to a system of deep mining. And yet these old mines are much better than prospects, as surface workings have demonstrated the existence of large and rich ore bodies which, without doubt, can be followed to the deep more successfully than can work be prosecuted in the development of a mere prospect whose value is still an unknown quantity.

Deep sinking makes big mines, but mere surface scratching will lead to failure unless the veins exist in what is known as "blanket formation."

Many of the old and abandoned mines alluded to, although having produced their hundreds of thousands at the grass roots, are still in their infancy, as far as their real worth is concerned; and what they have produced at or near their surface in the past is but an index of what they are capable of producing were they to pass into the hands of those possessing the capital and nerve to develop them to greater depths.—Salt Lake Mining Review.

New Mexican Tariff.

The new Mexican tariff goes into effect today. The new tariff is considerably higher than the old one, and will make a great difference in the cost of railroad or other supplies in Mexico. For several days previous to the coming into effect of this new tariff the Nacozari railroad company had been rushing supplies over the line as fast as possible, and as much as they could bring to Douglas in time. One of the customs brokers of this city is reported to have paid \$2,000 duty yesterday. — Douglas International, April 1.



CLOUDCROFT
NEW MEXICO
THE ROOF GARDEN
OF THE
SOUTH-WEST



"CLOUDCROFT," THE PREMIER SUMMER RESORT OF THE GREAT SOUTHWEST REACHED DIRECT BY THE TRAINS OF THE EL PASO-NORTHEASTERN SYSTEM. FOR FULL INFORMATION, DESCRIPTIVE LITERATURE, ETC., CALL ON NEAREST COUPON TICKET AGENT OR ADDRESS A. N. BROWN, U. P. & EL PASO, NORTHEASTERN SYSTEM, EL PASO, TEXAS.

To Cure a Cold in One Day

Take Laxative Bromo Quinine Tablets. Cures Grip in Two Days. on every box. 25c. This signature, E. W. L. Love

Order to Show Cause.

In the Probate Court of the County of Santa Cruz, Territory of Arizona. In the Matter of the Estate of Martin A. Bartleson deceased.

It appearing to this Court, by the petition this day presented and filed by H. Tupper Sanders, the administrator of the Estate of Martin A. Bartleson, deceased, that it is necessary to sell the whole of the real estate of said decedent to pay the debts of the decedent, and the expenses and charges of Administration. It is therefore ordered by this Court that all persons interested in the estate of said decedent appear before the said Probate Court on Monday the 25th day of April, A. D. 1904, at the hour of 10 o'clock of said day, at Court Room of said Court, at the Court House in the City of Nogales, Territory of Arizona, to show cause why an order should not be granted to said Administrator to sell the real estate described in said petition and belonging to the estate of the said decedent, and that a copy of this order be published in THE BANNER, a newspaper printed and published in the said County and Territory; for four successive weeks. Dated March, 21st 1904.

W. A. O'CONNOR, Probate Judge. First pub. April, 2, 1904 4-t.

Notice of Hearing Petition.

In the Probate Court of the County of Santa Cruz, Territory of Arizona. In the Matter of the Estate of John H. Ing, deceased.

Notice is hereby given that Sofia Levin has filed in this Court her petition praying that Letters of Administration with will annexed be granted Henry Levin of the Estate of said decedent and that the same will be heard on Monday the 11th day of April, A. D. 1904, at 10 o'clock in the forenoon of said day, at the Court room of said Court, in Nogales, County of Santa Cruz, Territory of Arizona, and all persons interested in said estate are notified then and there to appear and show cause, if any they have, why the prayer of said petitioner should not be granted. Dated March 30, 1904.

W. A. O'CONNOR, Clerk. 2-t.

CLOSE CONNECTIONS

Along the Line of the Sonora Railway and La Cananea.

The attention of the public is called to the fact that close connections are now made between points along the line of the Sonora railway and the great copper camp of La Cananea.

Please note condensed Time Card below. Passengers can now leave Guaymas at 3:40 P. M. and arrive at La Cananea the following morning at 11:30; returning, leave La Cananea at 2:00 P. M. and arrive at Guaymas 9:30 the following morning.

CONDENSED CARD BETWEEN LA CANANEA, NOGALES, AND GUAYMAS VIA FAIRBANK.

Mountain Time. (One hour faster than Southern Pacific Time)

11:30 A. M. AT La Cananea LV 2:00 P. M. 9:50 A. M. LV Naco AT 4:30 P. M. 9:21 A. M. AT Naco LV 3:50 P. M. 8:10 A. M. LV Fairbank AT 6:42 P. M.

Southern Pacific Time. (One hour slower than Mountain Time.)

6:35 A. M. AT Fairbank LV 2:05 P. M. 9:35 A. M. LV No. 10 AT 8:25 P. M.

Sonora Time. (30 minutes faster than Southern Pacific Time)

3:40 A. M. AT Nogales LV 10:00 A. M. 12:40 A. M. AT Hermosillo LV 12:40 A. M. 7:45 P. M. LV Hermosillo AT 3:30 A. M. 6:30 P. M. LV Torres AT 7:45 A. M. 6:10 P. M. AT Torres AT 6:45 A. M. 3:10 P. M. LV Guaymas AT 9:29 A. M.

J. A. NAUDEL, GENERAL PASSENGER AGENT, GUAYMAS, November 28th 1903.

FOR SALE—120-acre ranch, one mile north of Nogales. Cheap if taken at once. Address G. E. Tuttle, Box 15, Nogales.

Notice of Sale of Real Estate at Public Auction.

In the Probate Court of the County of Santa Cruz, Territory of Arizona. In the Matter of the Estates and Guardianship of Robert Drayton, Rosa, Wells, and Charles Wells, minors.

Notice is hereby given, that in pursuance of an order of sale made and entered by the Probate Court of the County of Santa Cruz, Territory of Arizona, on the 25th day of March, A. D. 1904, in the matter of the Estates and Guardianship of said minors, the undersigned, Guardian of the Estates of said minors, will sell at public auction, subject to the confirmation of said Court, the following described real property, belonging to the Estates of said minors, Lot Number Five (5), in Seven (7) in the Town of Nogales, County of Santa Cruz, Territory of Arizona; said sale will be made on Monday the 15th day of April, A. D. 1904, at 10 o'clock a. m., at the Court House door, in said Santa Cruz County, Arizona Territory; and the terms of said sale to be fifty per cent cash at the time of said sale and the balance on confirmation thereof by the Probate Court. A. J. CARPENTER, Guardian of the persons and estates of Robert Drayton, Rosa Wells, and Charles Wells, minors. Dated March 26th A. D., 1904. First publication April 2, 1904. 3-t.

NOTICE

Nogales, Ariz., March 25, 1904. The stock of the First National Bank of Nogales will be increased from \$25,000, to \$50,000, and the subscription list for said increase will be open for the public at the bank, from April 1 to April 25th. Said subscriptions subject to the approval of a committee formed of original stockholders. 3-t. BRACEY CURTIS, Cashier.

Southern Pacific Company.

Train No. 11 leaves Nogales, 4:35 a. m., daily, arriving at Benson, 7:35 a. m., and at Tucson, 9:50 a. m.

Train No. 12 leaves Tucson, 3:05 p. m., daily, arriving at Benson, 4:55 p. m., and at Nogales, 8:25 p. m.

Sunset Limited eastbound, passes Benson, 7:50 a. m.

Golden State Limited eastbound, passes Benson, 7:02 a. m.

Sunset Limited westbound, passes Benson, 6:10 p. m.

Golden State Limited westbound, passes Benson, 9:24 p. m.

Close connection is made at Fairbank with El Paso & Southwestern Ry., for Tombstone, Bisbee, Naco, Douglas, and other points on that line, and close connection is also made at Naco for Cananea.

Tickets on sale to all important points in U. S., and we especially call attention to the trip via New Orleans to New York, by steamer.

This company's new 5000 ton steamships "Comus" and "Protons" leave New Orleans at noon every Wednesday, and make the voyage to New York in about five and one half days; they are equal to the modern ocean liners in every respect.

Saloon and second cabin passage have to be reserved in advance. H. JORDAN, AGENT.

NOTICE OF FORFEITURE.

Patagonia, Santa Cruz County, Arizona, Jan. 2, 1904.

To Gus Heyman and R. B. Richardson, their heirs or assigns:

You are notified that I have expended One Hundred Dollars in labor and improvements on the Independence No. 1 mining claim recorded in Book 2, pages 73 and 76, as will appear by certificate filed in the office of the recorder of said county, in order to hold said mining claim under the provision of Section 2321 Revised Statutes of the United States, and pursuant to 3215 Revised Statutes of Arizona, being the amount required to hold said claim for the year ending December 31st, 1903.

And if within the first publication of this notice you fail or refuse to contribute your portion or portions of such expenditures as a co-owner your interest in said claim will become the property of the undersigned according to said Section 2321, and said paragraph. J. M. HACKETT, 3-m. First publication January 10, 1904.

PROFESSIONAL CARDS.

F. J. DUFFY, Dist. Atty. Santa Cruz County. W. E. COOPER, LAWYERS.

Duffy & Cooper,

OFFICE IN MONTEZUMA HOTEL. Stenographer, Typewriter and Notary Public in Office.

EDWARD W. AMSDEN, ATTORNEY AT LAW.

STENOGRAPHER AND TYPEWRITER. Office with District Attorney in the Court house

Ray Ferguson,

Physician and Surgeon

Nogales, - - - Arizona.

EB. WILLIAMS,

ATTORNEY AT LAW. Nogales, Arizona.

Nogales Water Co.,

Incorporated. OFFICE: OPPOSITE THE CITY PARK. L. SPHRAIM, Manager.

H. Pomeroy Griswold,

Civil and Mining Engineer.

Mining surveying a specialty. Mines examined and reported.

Assay department in charge of WILLIAM STRICKLAND, Apartado Postal No. 116.

MAGDALEANA. SONORA. MEXICO.

Dr. R. S. Shumway,

EYE SPECIALIST.

Eyes Tested. Glasses Fitted. Rooms 1 and 2, over Mix Drug Store.

NOGALES, - - - ARIZONA.

Y BONILLAS.

Member American Institute of Mining Engineers

Makes a specialty, and has had a large experience in the survey of land grants in Mexico and the United States. Has made a special study of the Land and Mining laws of Mexico and gives consultations relating thereto.

NOGALES. SONORA. MEXICO

THE ELITE SHAVING PARLOR

IN THE MONTEZUMA HOTEL.

Is the only first-class Barber Shop and Bath rooms in the city. Try a Massage by the Champion of Massage.

J. M. SUMMEY, NOGALES, - - - ARIZONA.

PARA LA SALUD

No hay cosa mejor que hacer un buen ejercicio, en los Boliches y Billares de LA TERTULIA.

A. BANCILLON, Prop.

NOGALES, SONORA, MEXICO.

Regular services at Congregational church to-morrow. Sunday School at 10 a. m. Preaching 11 a. m. Junior Endeavor service 3:30 p. m., evening service at 7:30. Regular C. E. Meeting every Wednesday evening from 7 to 8 p. m.

WM. ROBERT REUD, Pastor

PATENTS, PATENTS—Hazard & Harpham, Los Angeles Send for free book on patents.

Gold and Silver Neglige Shirts. FROM \$1.25 TO \$2.00.

F. L. KIEL,

I. BURGOON,

SUCCESSO.

Haberdasher and Clothier for all Mankind.

Morley Avenue,

NOGALES, ARIZ.

O K Livery Stable,

PAT HANNAN, Proprietor.

LIVERY, FEED AND SALE STABLE

NEW AND HANDSOME TURNOUTS.

NOGALES. - - - ARIZONA.

THE

Senate Saloon,

L. LULLEY, Prop.

Side Board and Beer Hall. BEER 5 cents a Glass.

Nogales, Morley avenue, Arizona.

THE FIRST NATIONAL BANK

OF NOGALES,

L. LINDSAY, PRESIDENT. WM. SCHUCKMANN, VICE-PRESIDENT. BRACEY CURTIS, CASHIER.

General banking business transacted Mexican Money bought and sold.

NOGALES. - - - ARIZONA.

INTERNATIONAL DRUG STORE,

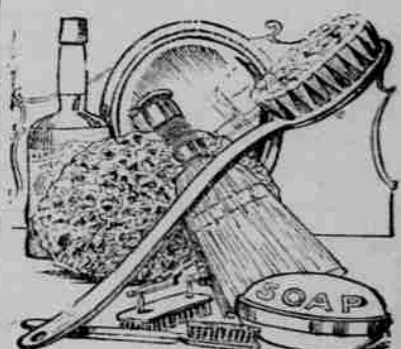
L. W. MIX & CO.

We draw attention at this season of the year to two departments of our Drug Store—Spring medicines and articles for the Bath.

The cleansing of the system and skin are important factors in producing health.

In our Toilet Article Department will be found the very best of Brushes, Combs, Sponges and all of the Standard Bath and Toilet Soap.

We especially recommend our Florida Water and Facial Powders and Creams.



Prescriptions carefully compounded Day or Night. Mail orders solicited.

COMPANIA INDUSTRIAL Y EXPLOTADORA DE MADERAS, S. A.

COMMISSION MERCHANTS AND DEALERS IN All Kinds of Lumber for Mining, House Building, Furniture, Etc. DOOR AND SASH FACTORY.

—AGENTS FOR—

Leonard & Ellis Valveless Machine And Coal Oils.

GUAYMAS. - - - SONORA. - - - MEXICO.

Nogales Electric Light, Ice and Water Co.

Pure Artificial Ice Made From Distilled and Filtered Water, Cold Storage, Incandescent Lighting for Stores

Offices Dwelling, etc. Ice Shipped to all Points.

ORDERS SOLICITED.

The Red House.

HAMILTON BROWN SHOE CO'S

"PATROL" SHOE.

LATEST STYLE AND THE BEST MAKE.

"PATROL" SHOE.



Latest Style and the Best Make.

Boots, Shoes, Hats. Under Clothing, Dress Goods

RAMON VASQUEZ, Prop.

Nogales. - - - Arizona